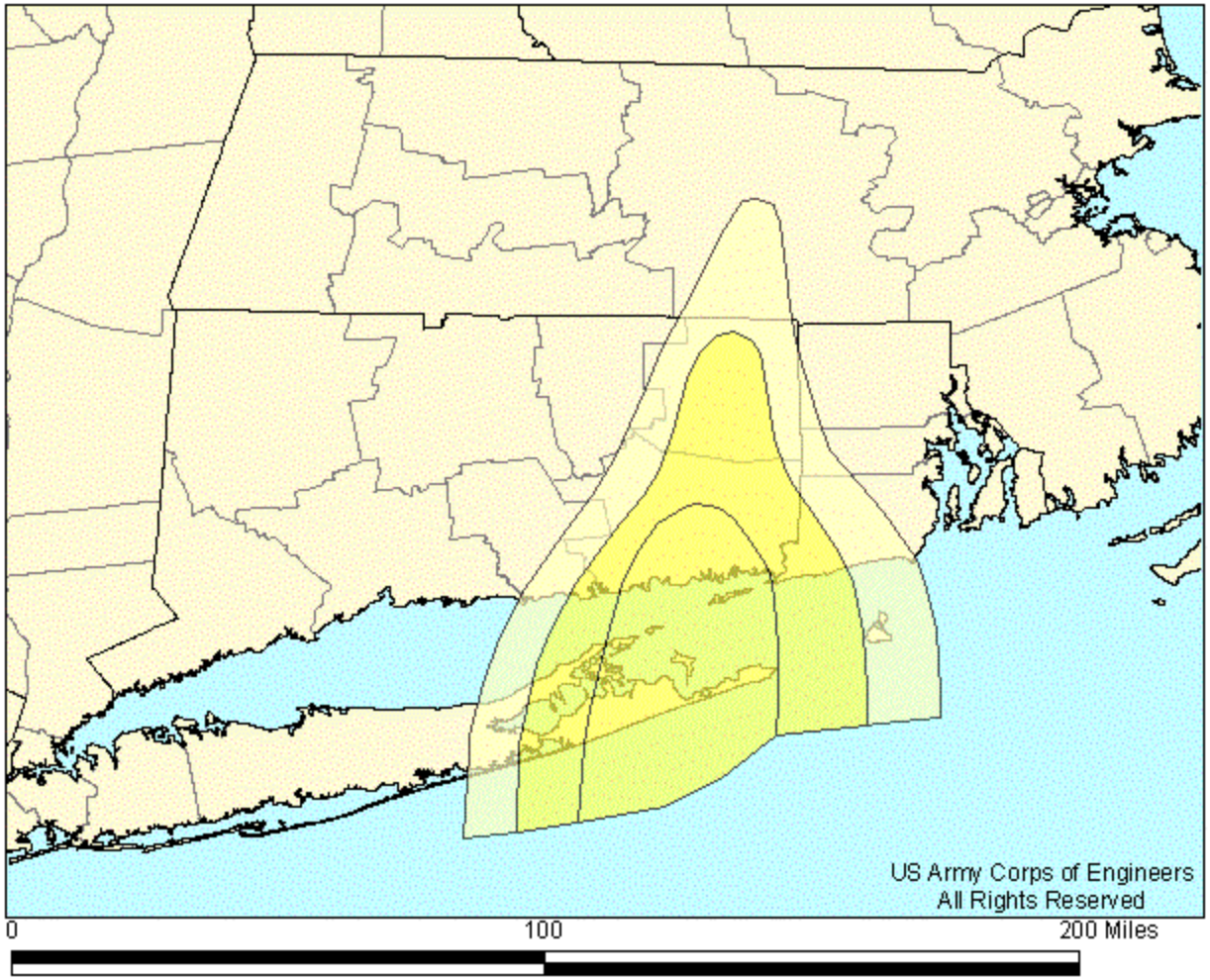
US Army Corps of Engineers

Hurricane NoName Projected Damage Areas

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 1 storm making landfall eastern end of Long Island, NY.

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 1 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (0930 EDT 08/12/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

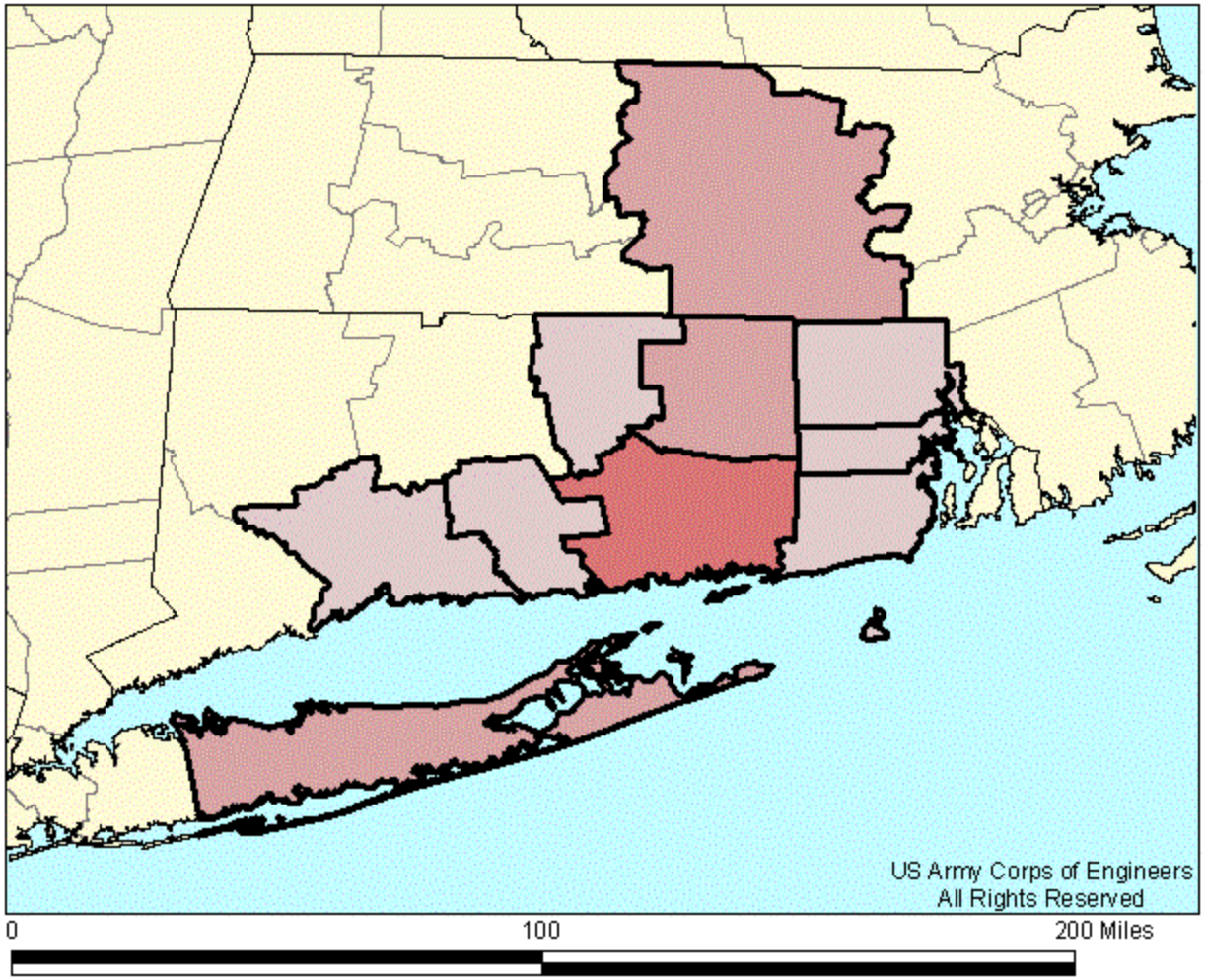
Hurricane NoName Projected Damage Areas	
Generated By: Siemsen, LRL 1000 EDT 08/12/2008	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

Connecticut - 678,000 Yards
New York - 173,000 Yards
Massachusetts - 131,000 Yards
Rhode Island - 82,000 Yards

Model results per County on following page

This model is based on a Category 1 storm making landfall eastern end of Long Island, NY.

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 1 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (0930 EDT 08/12/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Debris Model	
Generated By: Siemsen, LRL 1000 EDT 08/12/2008	
Sources: HURREVAC LRL-DEBRIS	Page 2 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
Connecticut		Middlesex	46,000
		New Haven	< 1,000
		New London	490,000
		Tolland	8,000
		Windham	134,000
Connecticut	678,000		
Massachusetts		Worcester	131,000
Massachusetts	131,000		
New York		Suffolk	173,000
New York	173,000		
Rhode Island		Kent	4,000
		Providence	2,000
		Washington	76,000
Rhode Island	82,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane NoName Debris Model

Generated By:
Siemsen, LRL 1000 EDT 08/12/2008

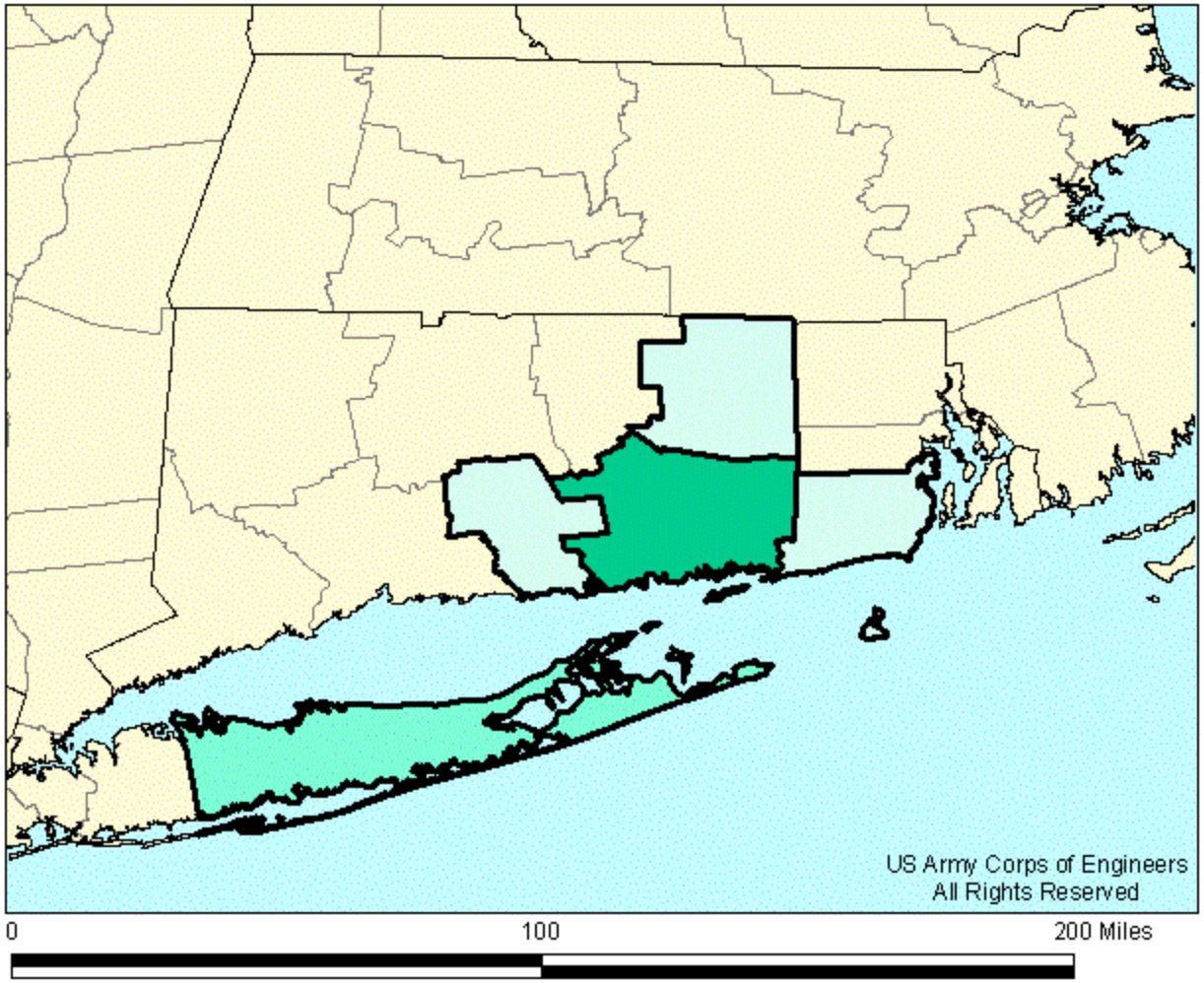
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About **24** Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three

Connecticut - 20 Truckloads
New York - 5 Truckloads
Rhode Island - 2 Truckloads

Model results per County on following page

This model is based on a Category 1 storm making landfall eastern end of Long Island, NY.

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 1 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC ***(0930 EDT 08/12/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Commodities Model	
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Sources: HURREVAC LRL-DEBRIS	Page 4 of 13

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
Connecticut		Middlesex	1
		New London	15
		Windham	4
Connecticut	20		
New York		Suffolk	5
New York	5		
Rhode Island		Washington	2
Rhode Island	2		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Commodities Model

Generated By:
Siemsen, LRL 1000 EDT 08/12/2008

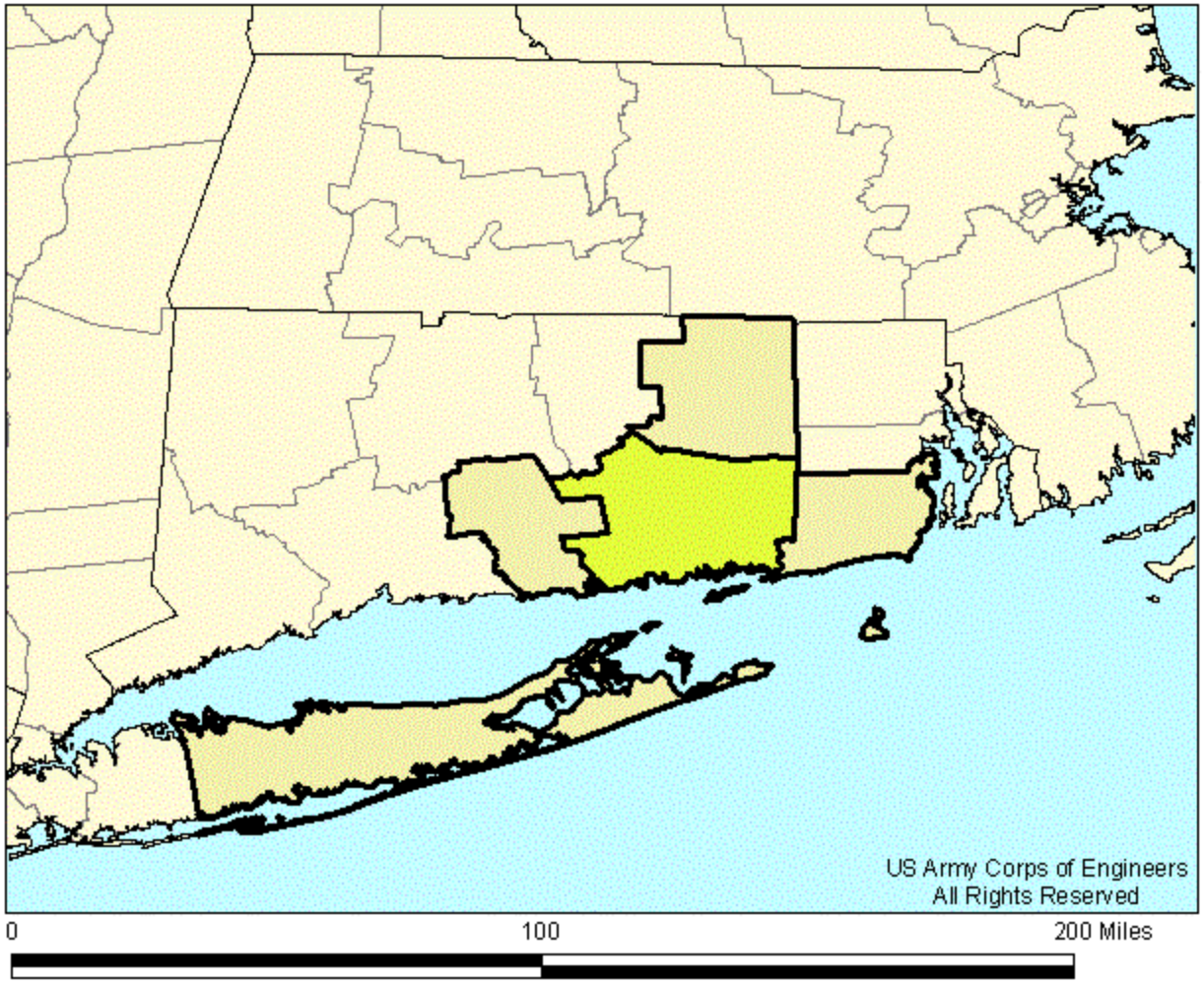
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Temporary Roofing Model Results

Connecticut - 3,800
New York - 900
Rhode Island - 400

Model results per County on following page

This model is based on a Category 1 storm making landfall eastern end of Long Island, NY.

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (0930 EDT 08/12/2008) forecast. Temporary roofing is based on 3% in CAT 1.

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Hurricane NoName Roofing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 6 of 13

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

For Planning Purposes Only!

Landfall Expected In About 24 Hours

State	House Units per State	County	House Units per County
Connecticut		Middlesex	200
		New London	2,900
		Windham	700
Connecticut	3,800		
New York		Suffolk	900
New York	900		
Rhode Island		Washington	400
Rhode Island	400		

Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Roofing Model

Generated By:
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Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName Temporary Housing Model

US Army Corps of Engineers

Landfall Expected In About 24 Hours

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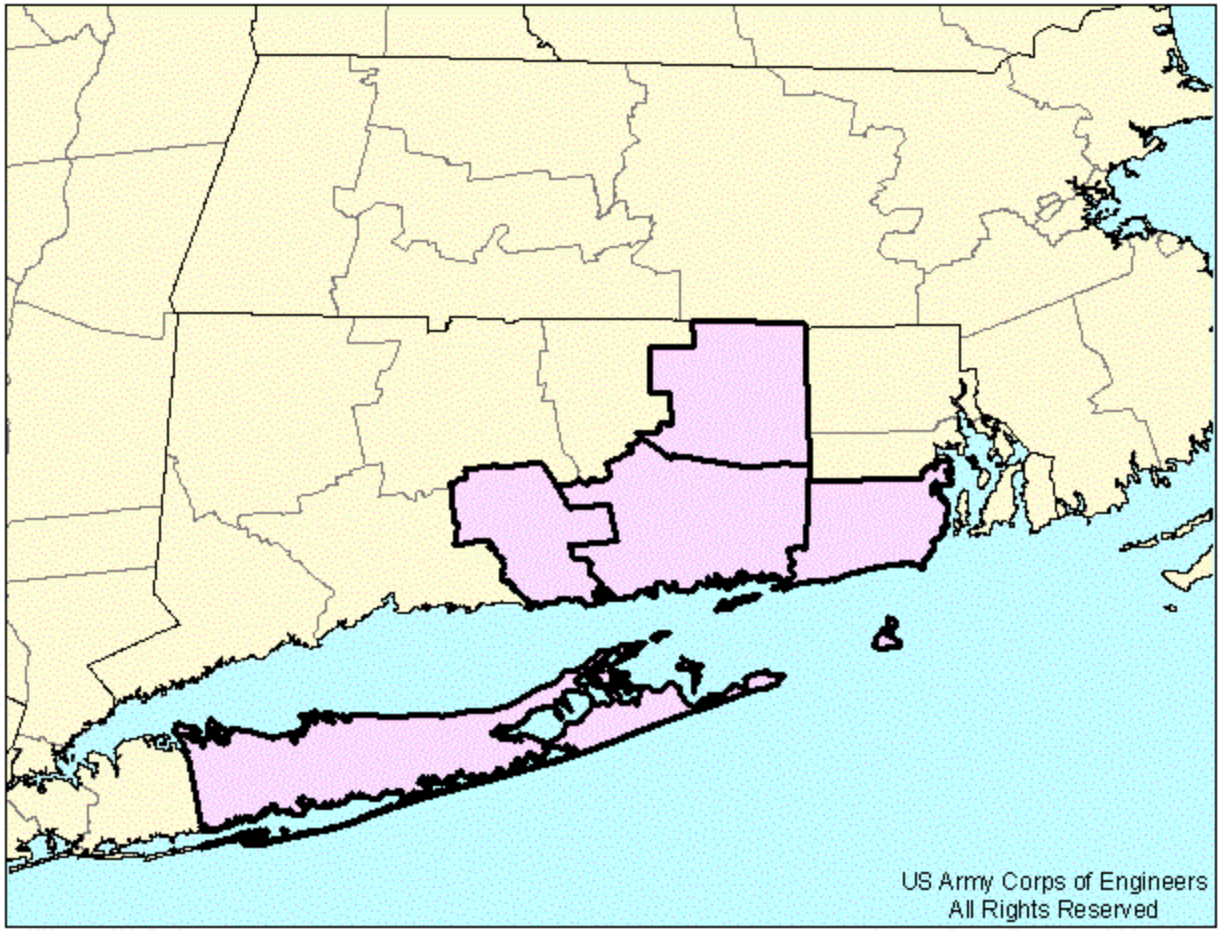

0 100 200 Miles

Post Landfall Temporary Housing Model Results

Connecticut - 1,300
New York - 300
Rhode Island - 200

Model results per County on following page

This model is based on a Category 1 storm making landfall eastern end of Long Island, NY.

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (0930 EDT 08/12/2008) forecast. Temporary housing is based on 1% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Housing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 8 of 13

US Army Corps of Engineers

Hurricane NoName Temporary Housing Model

For Planning Purposes Only!

Landfall Expected In About 24 Hours

State	House Units per State	County	House Units per County
Connecticut		Middlesex	< 100
		New London	1,000
		Windham	300
Connecticut	1,300		
New York		Suffolk	300
New York	300		
Rhode Island		Washington	200
Rhode Island	200		

Temporary housing is based on 1% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Housing Model

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Sources:
HURREVAC
LRL-DEBRIS

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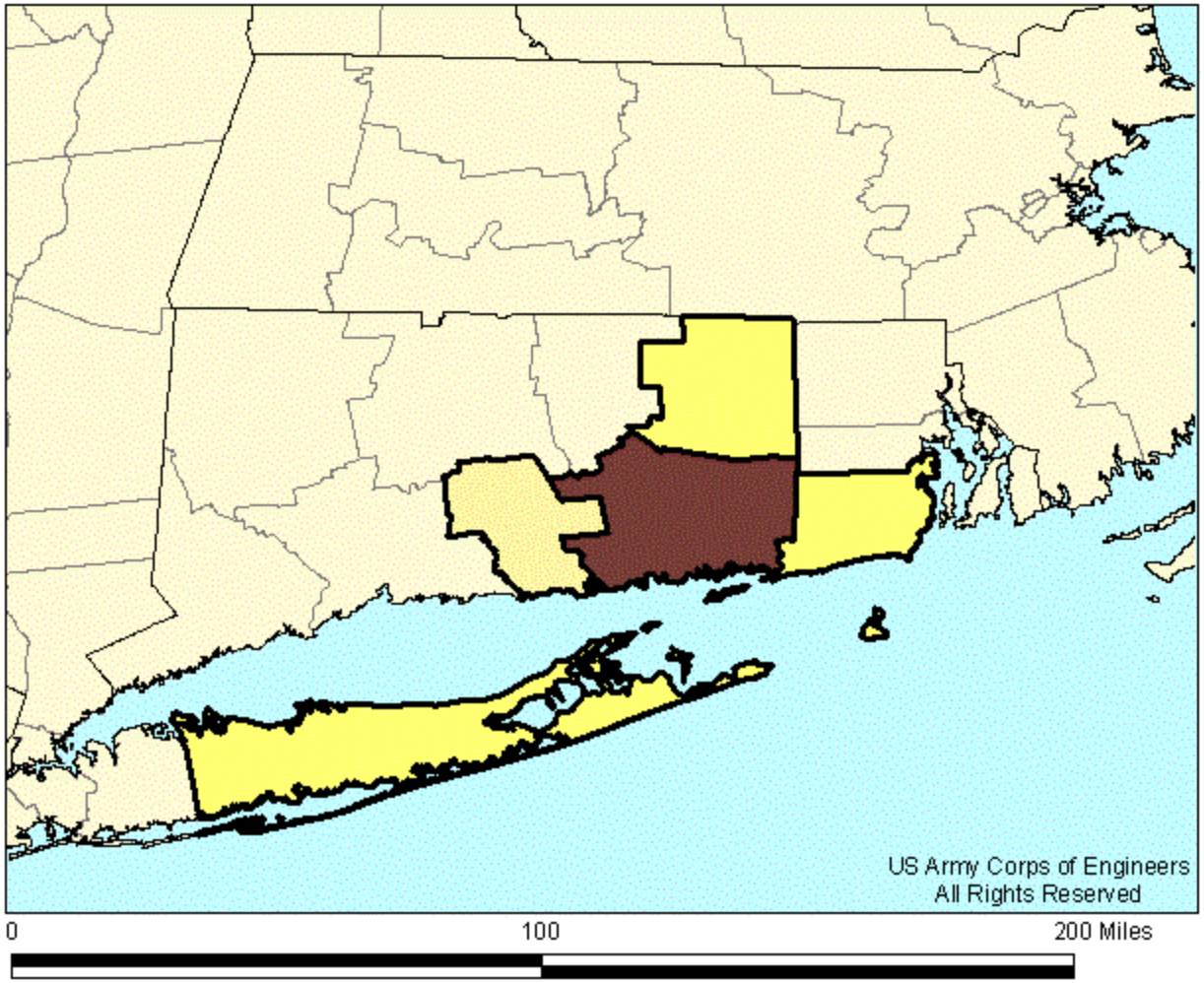
Hurricane NoName Population Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Population Model Results

Connecticut - 309,000
New York - 73,000
Rhode Island - 31,000

Model results per County on following page

This model is based on a Category 1 storm making landfall eastern end of Long Island, NY.

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 1 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (0930 EDT 08/12/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Population Model	
Generated By: Siemsen, LRL 1000 EDT 08/12/2008	
Sources: HURREVAC LRL-DEBRIS	Page 10 of 13

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
Connecticut		Middlesex	9,000
		New London	242,000
		Windham	58,000
Connecticut	309,000		
New York		Suffolk	73,000
New York	73,000		
Rhode Island		Washington	31,000
Rhode Island	31,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane NoName Population Model

Generated By:
Siemsen, LRL 1000 EDT 08/12/2008

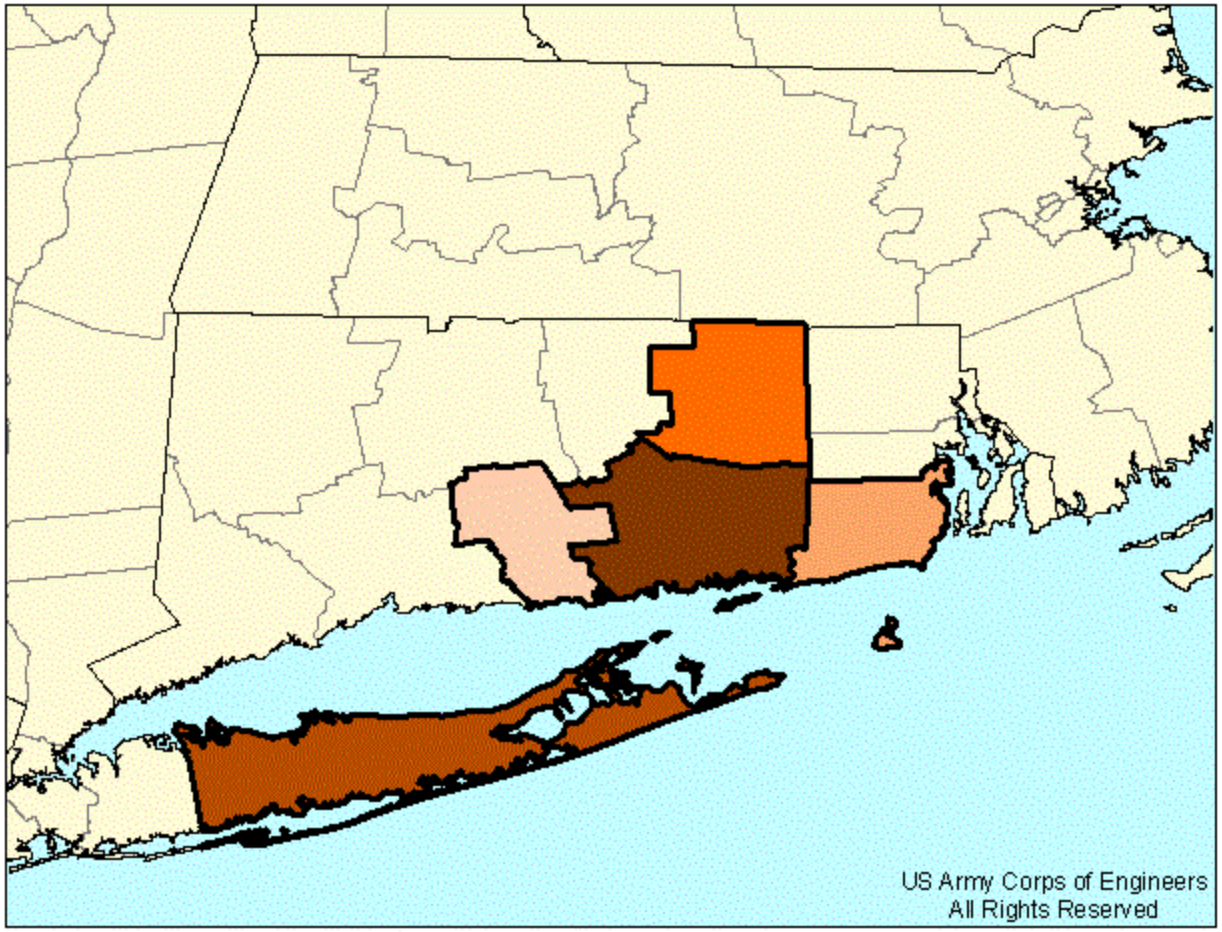
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



0 100 200 Miles

Post Landfall Households Model Results

Connecticut - 120,000
New York - 30,000
Rhode Island - 13,000

Model results per County on following page

This model is based on a Category 1 storm making landfall eastern end of Long Island, NY.

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 1 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (0930 EDT 08/12/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

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Hurricane NoName Households Model	
Generated By: Siemsen, LRL 1000 EDT 08/12/2008	
Sources: HURREVAC LRL-DEBRIS	Page 12 of 13

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
Connecticut		Middlesex	4,000
		New London	94,000
		Windham	22,000
Connecticut	120,000		
New York		Suffolk	30,000
New York	30,000		
Rhode Island		Washington	13,000
Rhode Island	13,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Households Model

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